

Applicant: Pulkkinen, et al.  
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Page 2

A1  
cont.

pressure sensor, in addition to the other parts. The sensor may even be an optical heart rate measurement sensor.

Page 2, substitute the paragraph beginning at line 14 with the following:

#### SUMMARY OF THE INVENTION

A2  
**[0005]** An object of the invention is thus to provide a new heart rate monitor, which avoids problems and disadvantages associated with the known solutions.

Page 3, substitute the paragraph beginning at line 1 with the following:

#### BRIEF DESCRIPTION OF THE DRAWINGS

A3  
**[0009]** The invention is now described in connection with the preferred embodiments and with reference to the accompanying drawings, in which

Page 3, substitute the paragraph beginning at line 14 with the following:

#### DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

A4  
**[0016]** The invention thus relates to a carry-on heart rate monitor measuring a person's heart rate non-invasively, i.e. from outside a body, i.e. in practice on the skin of a person.

#### IN THE CLAIMS:

Please amend Claims 3, 8, and 11 by rewriting the same as follows:

A5  
3. (Amended) A heart rate monitor as claimed in claim 1, wherein the display element for displaying a settable maximum limit for the heart rate level and the second end of the display element unit controlled according to the heart rate level are located on the same side of the display with respect to both a center line of the display parallel to the reading

*AS  
cont.* direction of the display and a center line of the display perpendicular to the reading direction of the display.

*Ab* 8. (Amended) A heart rate monitor as claimed in claim 6, wherein in a second display mode, the minimum limit and the maximum limit for the heart rate level are shown as a proportion of the maximum heart rate.

*A7* 11. (Amended) A heart rate monitor as claimed in claim 6, wherein the means for changing the display mode are arranged to change the same display mode for the display element for displaying the minimum limit for the heart rate level, the display element for displaying the maximum limit for the heart rate level, and for the actual main display element for the heart rate level contained in the heart rate monitor.

Please add the following new Claims 14-19:

14. A heart rate monitor as claimed in claim 2, wherein the display element for displaying a settable maximum limit for the heart rate level and the second end of the display element unit controlled according to the heart rate level are located on the same side of the display with respect to both a center line of the display parallel to the reading direction of the display and a center line of the display perpendicular to the reading direction of the display.

*Ab* 15. A heart rate monitor as claimed in claim 7, wherein in a second display mode, the minimum limit and the maximum limit for the heart rate level are shown as a proportion of the maximum heart rate.

16. A heart rate monitor as claimed in claim 7, wherein the means for changing the display mode are arranged to change the same display mode for the display element for displaying the minimum limit for the heart rate level, the display element for displaying the maximum limit for the heart rate level, and for the actual main display element for the heart rate level contained in the heart rate monitor.